

ABSTRACT

The invention relates to a method to regulate a circulating air and/or intake air portion (V_s , V_o) in a passenger compartment of a vehicle, in particular a motor vehicle, with a sensor for detecting hazardous gas concentrations in the passenger compartment and for supplying a triggering signal (l_{CO_2}) of a control unit for the circulating air and/or intake air portion (V_s , V_o) in a passenger compartment. To achieve air supply in a passenger compartment that does justice to demand and is optimized with respect to energy consumption, the sensor for detecting hazardous gas concentrations is a temperature-compensated sensor, whereby the sensor for detecting the ambient temperature along with the sensor for detecting the hazardous gas concentration supply signals (l_t , l_{CO_2}) for triggering a control unit for the circulating air and/or intake air portion (V_s , V_o). The control unit controls either the size of the circulating air portion (V_s) in the passenger compartment or switches from complete circulating air operation to complete intake air cooperation and vice versa.